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FIG 1 "EWSD Internet Switch" With Additional Software-Features As A Result of EWSD

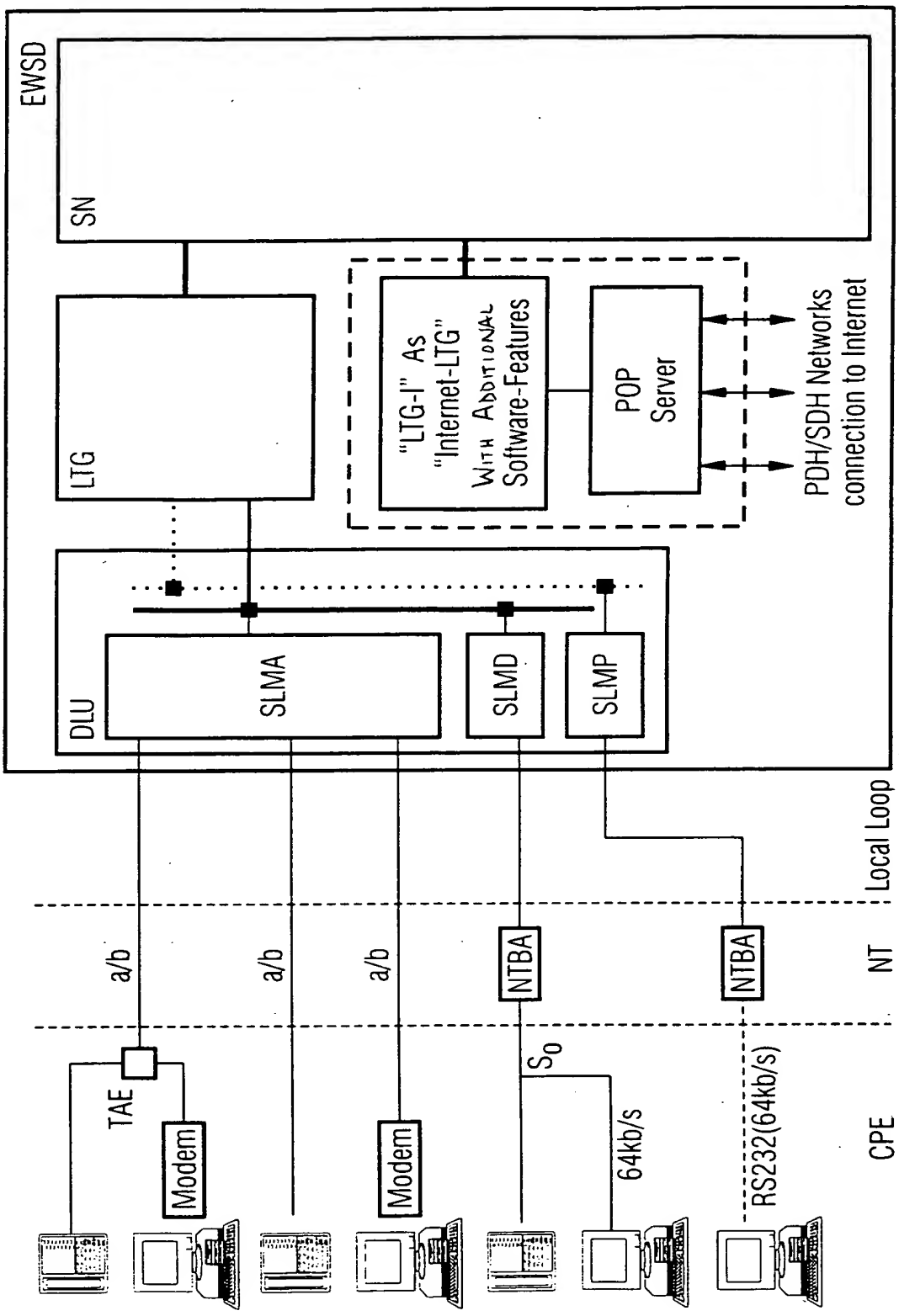

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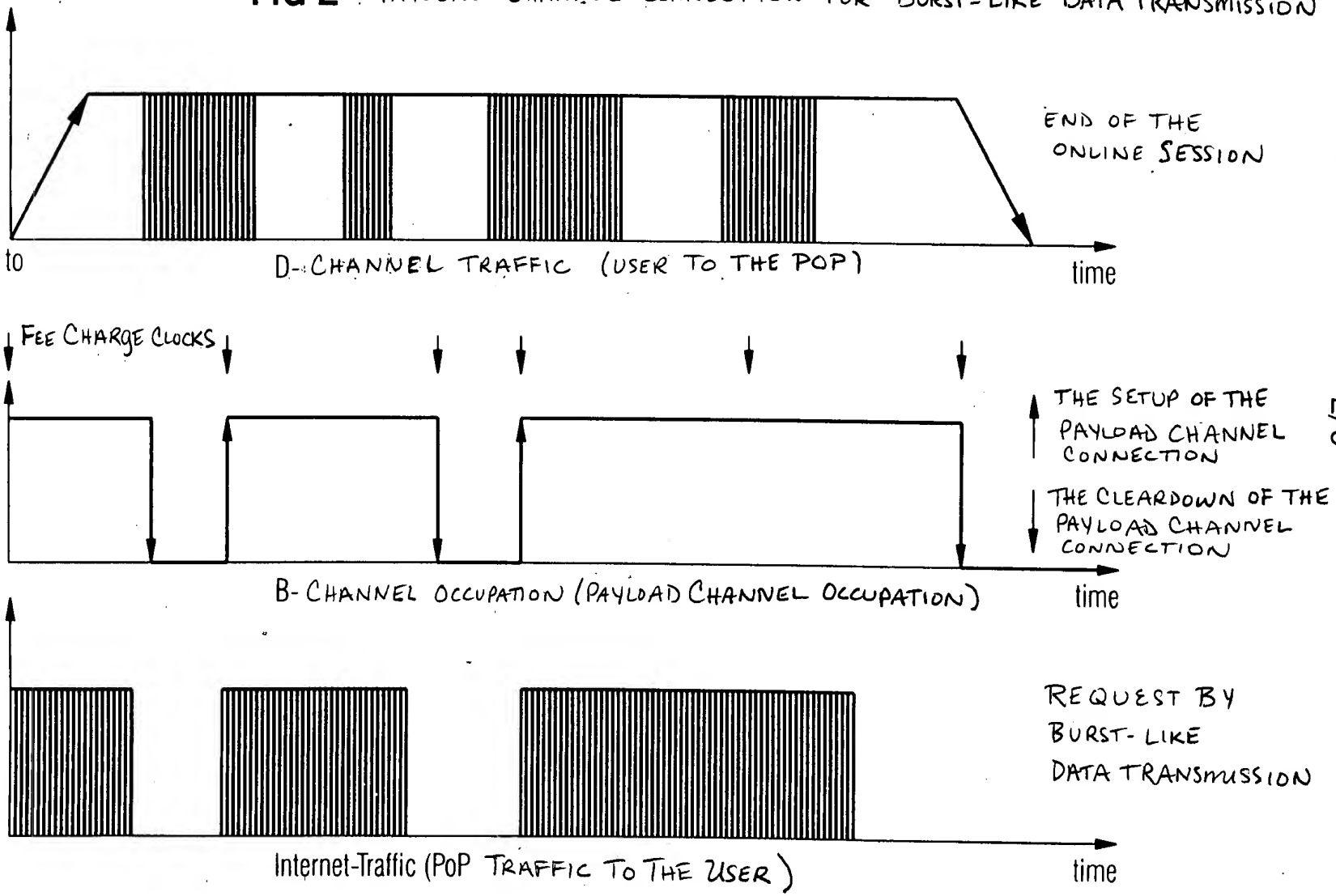
FIG 2 PRINCIPLE OF THE TEMPORARY SETUP AND CLEARDOWN OF THE PAYLOAD CHANNEL CONNECTION FOR BURST-LIKE DATA TRANSMISSION



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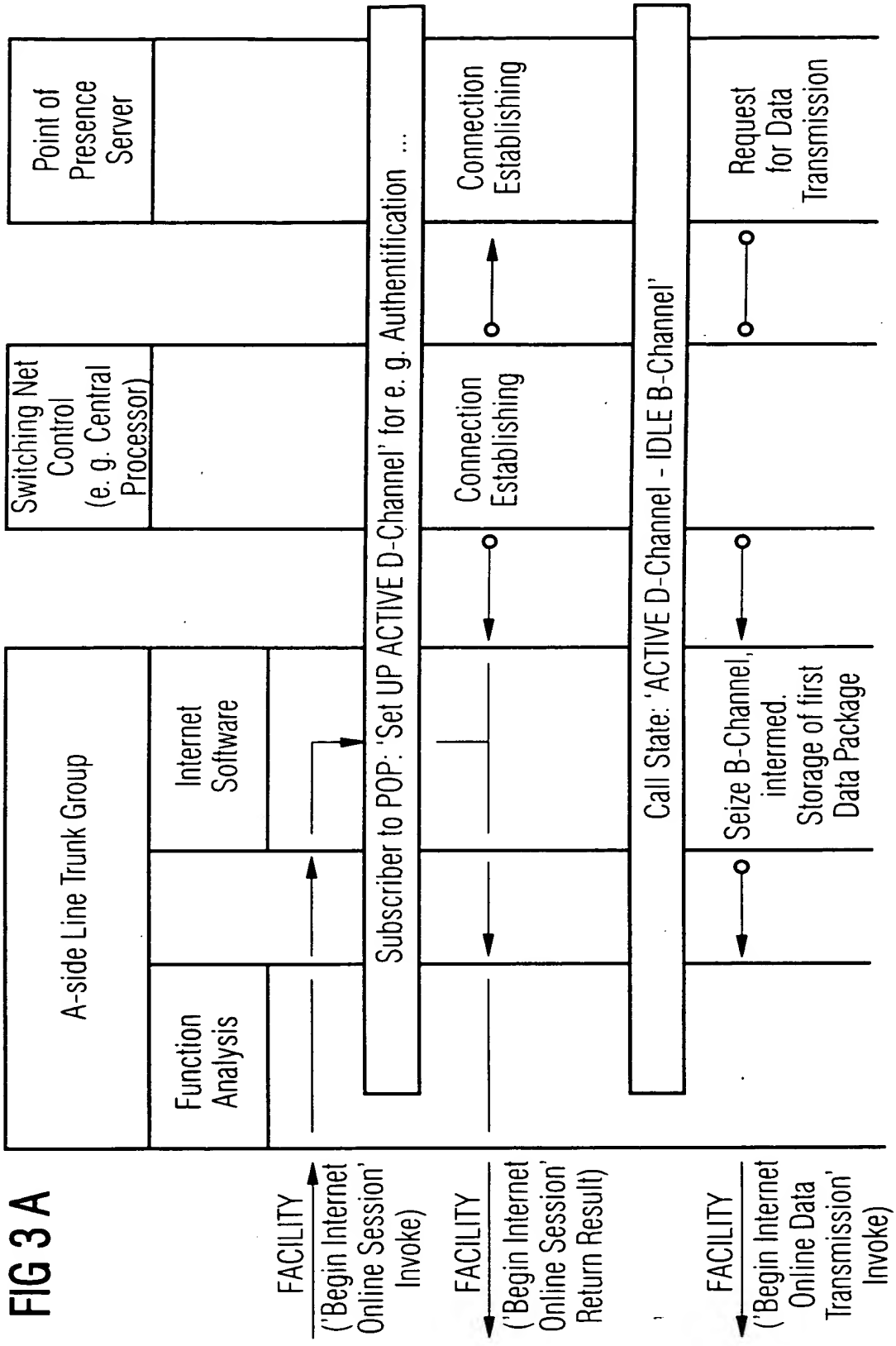
A-side Line Trunk Group
Function Analysis
Internet Software
Switching Net Control (e. g. Central Processor)
Point of Presence Server
Subscriber to POP: 'Set UP ACTIVE D-Channel' for e. g. Authentification ....
Connection Establishing
Connection Establishing
Request for Data Transmission
Call State: 'ACTIVE D-Channel - IDLE B-Channel'
Seize B-Channel, intermed. Storage of first Data Package
FACILITY ('Begin Internet Online Session' Invoke)
FACILITY ('Begin Internet Online Session' Return Result)
FACILITY ('Begin Internet Online Data Transmission' Invoke)

FIG 3 A

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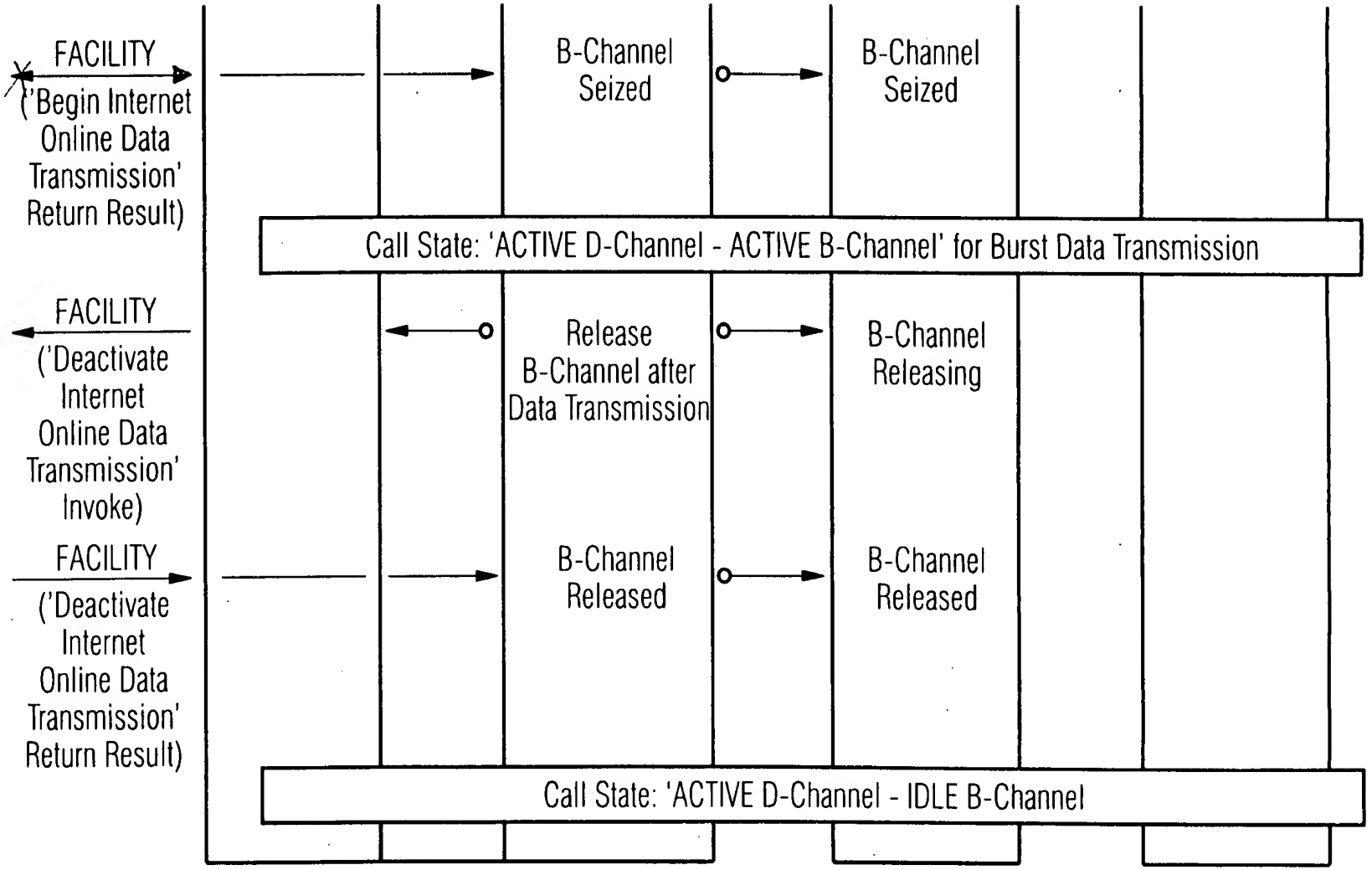
FIG 3 B



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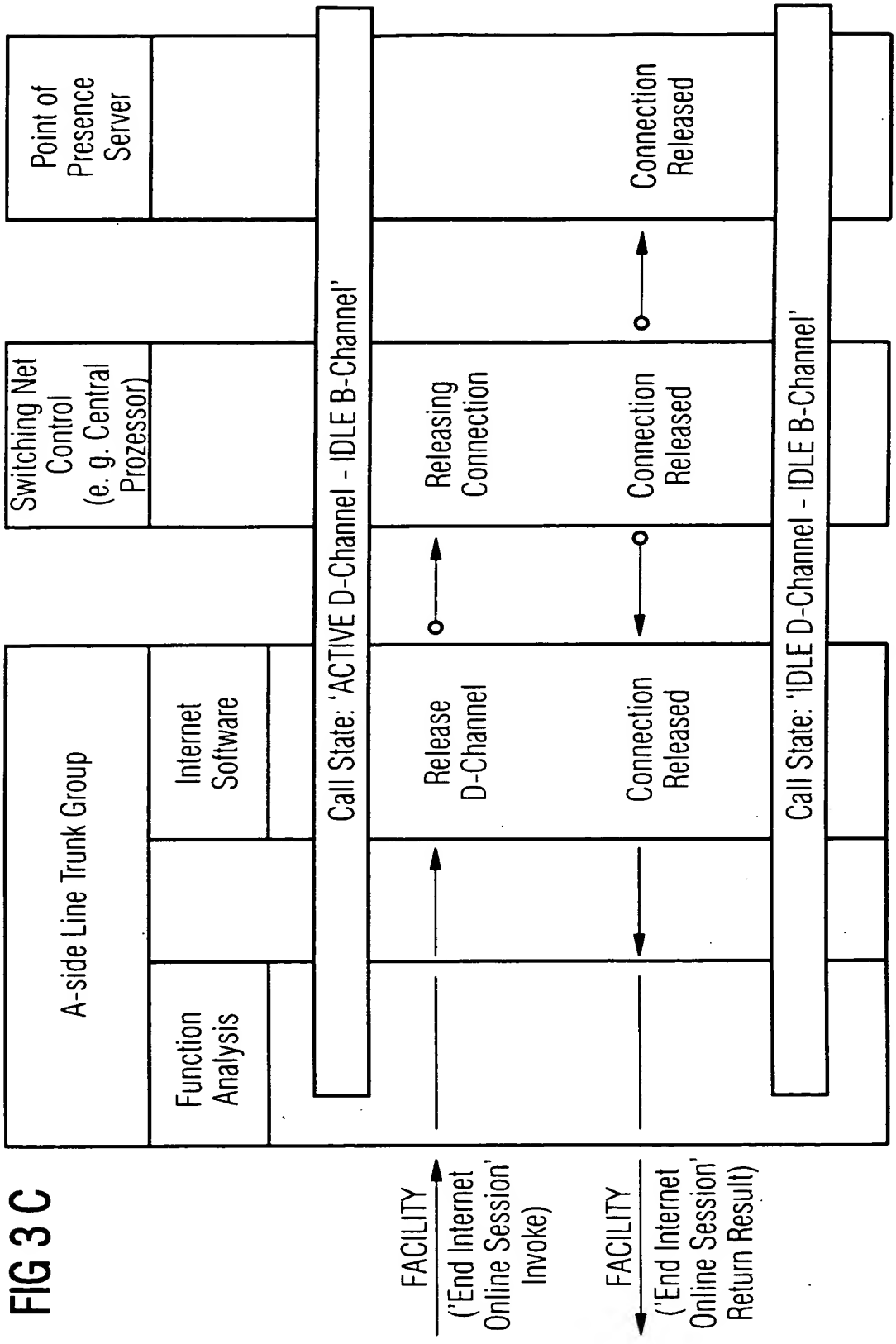
A-side Line Trunk Group
Function Analysis
Internet Software
Switching Net Control (e. g. Central Prozessor)
Point of Presence Server
Call State: 'ACTIVE D-Channel - IDLE B-Channel'
Release D-Channel
Releasing Connection
Connection Released
Connection Released
Connection Released
Call State: 'IDLE D-Channel - IDLE B-Channel'
FACILITY ("End Internet Online Session' Invoke)
FACILITY ("End Internet Online Session' Return Result)

FIG 3 C
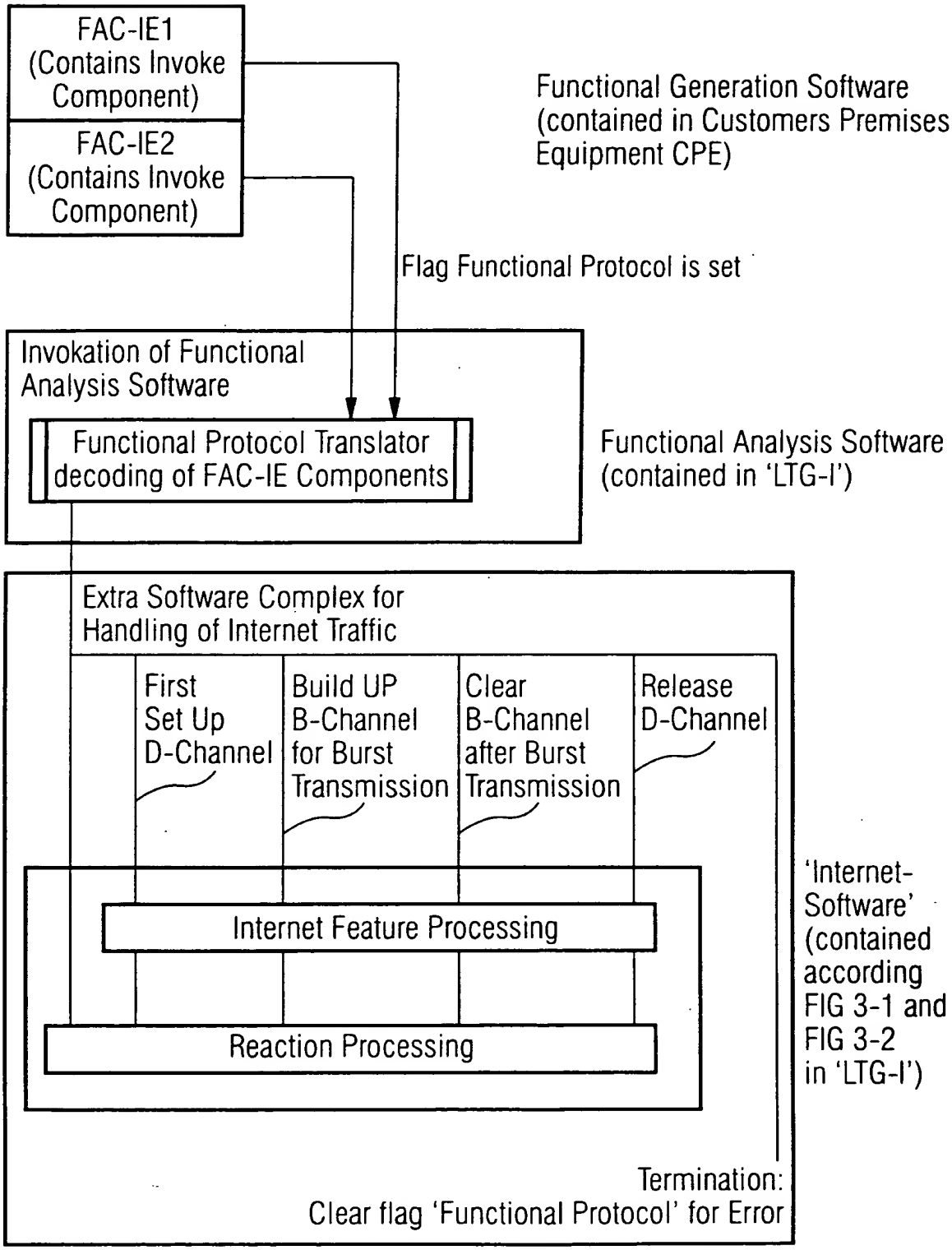
FIG 4 SCHEMATIC ILLUSTRATION OF THE PROCESSING BY THE SOFTWARE OF THE SWITCHING CENTER